

Presented by 3M and the Midwest Center for Occupational Health & Safety

Tuesday, February 12, 2019

**Hilton Kansas City Airport
8801 Northwest 112th Street
Kansas City, MO 64153**

Who Should Attend?

The program is designed for industrial, government, and military personnel who are involved in, or responsible for hearing conservation and the dispensing of hearing protection devices. Attendees normally include: industrial hygienists, health and safety personnel, nurses, audiologists, consultants, engineers, medical staff.

Attendees should have a basic understanding of noise measurement terminology and existing noise legislation, although attendance is open to all who are interested.

Course Description

Administration of a comprehensive and effective hearing conservation/hearing loss prevention program consists of more than merely purchasing and dispensing hearing protectors. Audiometric testing, education and motivation, and program evaluation are but a few of the additional important aspects of an overall program. This seminar will review these issues and others in a practical and realistic manner, providing state-of-the-art recommendations to ensure protection of the worker and compliance with the law.

Instructors will provide an in-depth review of how hearing protectors function, how they are tested and rated, how they perform in the real world. Commercially available products will be discussed with respect to their performance and selection, fit, use, and care. New evidence supporting the benefits of individual fit testing will be presented.

Attendees will learn how noise affects employees' ability to hear on the job and the impact that wearing hearing protectors may have. Examples of how advanced technologies can enhance situational awareness and communication will be discussed. The importance of worker training and motivation will be emphasized along with interactive techniques that can be used to make annual training programs more engaging and memorable.

Materials Provided

Attendees will receive handouts of the presentations and a list of useful resources.

Continuing Education

Requirements

Full-day attendance and completion of a course evaluation form is required.

This program offers up to 6.5 contact hours (1,0 CEU) from the Centers for Public Health Education and Outreach of participation in a structured continuing education experience under responsible sponsorship and qualified instruction.

Participants are expected to claim contact hours only for actual time spent in this learning activity. This activity is co-provided by the University of Minnesota School of Public Health.

This program is designed to meet the criteria for ABOHN recertification

This program has been designed to meet the criteria for 1.0 COC as specified by the Board of Certified Safety Professionals.

This program contains 6.5 hours of technical content which can be claimed for ABIH CM credit (1.0 CM Point).

Registration

Register online at: www.3m.com/hearingseminars. Enrollment is limited. Acknowledgement of your registration will be made. We recommend you submit your registration promptly. For more information contact Kelli Betz 651 331-0455 k5betz@mmm.com

Please let us know in advance if you have special needs or require an assistive listening device.

This Hearing Seminar is offered at no cost to attendees. Expenses, including breaks and lunch, are paid by 3M (a \$300 value!). To adequately plan for food and material costs of our attendees, we ask that you only register for seminars that you are able to attend. Should a need for cancellation arise, notify us as soon as possible, so that others may attend in your absence.

Program

7:30 AM Registration

8:00 AM Hearing Loss Prevention - The Big Picture

Occupational hearing loss trends in the US and new evidence on the health effects related to noise exposure

8:30 AM Noise Measurement & Control

Possible benefits of adopting an “85/3” approach to noise measurement. New thinking about ototoxic exposures and new tools for estimating the cost of noise control projects and other hearing conservation program components

9:15 AM Break

9:30 AM Hearing Protector Testing, Rating, & Performance

How hearing protection devices (HPDs) work, rating systems, factors that influence how well they work and workplace fit testing as a best practice

10:45 AM Break

11:00 AM Worker Hearing & Communication

Effects of hearing protectors on hearing and communication, hearing loss and worker safety, and technologies to assist workers with hearing in noise

12:00 PM Complimentary buffet luncheon

1:00 PM Hearing Protector Selection

Finding the right balance of protection, hearing ability, comfort and ease of use

2:15 PM Evaluation of The Hearing Conservation Program

How do we quantify the effectiveness of an occupational hearing conservation program?

2:30 PM Break

2:45 PM Checking hearing & hearing loss metrics

Factors that influence the quality of audiometric data, using data to drive decision making and processes for determining work-relatedness of hearing loss

3:15 PM Training & Motivating Workers

Worker training tips and resources with emphasis on the importance of motivation to achieve change in knowledge, attitudes and behaviors

4:00 PM Course Evaluation & Continuing Education Certificates

4:15 PM Adjourn

Faculty



Ted Madison, M.A., CCC-A

Ted Madison is a Technical Service Specialist for the 3M Personal Safety Division, providing technical support, education and training in hearing loss prevention and hearing protection. He received a Master's

degree in Audiology from The University of Iowa in 1984. Ted is a CAOHC-certified course director at the Midwest Center for Occupational Health and Safety at the University of Minnesota. The National Hearing Conservation Association (NHCA) awarded Ted with Michael Beall Threadgill Award for outstanding leadership and distinguished service in 2008 and its Outstanding Lecture Award in 2002. He is a Past President of NHCA, a certified member of the American Speech-Language-Hearing Association (ASHA), a fellow of the American Academy of Audiology (AAA), and a representative of the American Industrial Hygiene Association (AIHA) to the ANSI S3 Bioacoustics committee.



Eric Fallon, Au.D., LTC (Ret)

Dr. Fallon currently works for 3M Company as a Senior Technical Service Specialist. Having spent 25 years in the military as an artilleryman and audiologist, Eric has managed hearing conservation

programs as large as 48,000 personnel. He has multiple deployments to both Iraq and Afghanistan and has seen, firsthand, the challenges of communicating in noisy environments. He routinely works with the military community in solving tactical communication issues and is broadening that interest to the industrial workplace. Eric holds a Doctorate degree in Audiology, and a Certificate of Clinical Competency in Audiology with the American Speech-Language and Hearing Association (ASHA) and is a Council for Accreditation in Occupational Hearing Conservation Course (CAOHC) Director.

Relevant financial and nonfinancial relationships:

Ted Madison, Instructor, employed by 3M

Disclosure: Financial - Technical Service Specialist at 3M, a manufacturer of hearing protection products. Salary and travel expenses are paid by 3M. Nonfinancial - No relevant nonfinancial relationship exists.

Eric Fallon, Instructor, employed by 3M.

Disclosure: Financial – Senior Technical Service Specialist at 3M, a manufacturer of hearing protection products. Salary and travel expenses are paid by 3M. Nonfinancial - No relevant nonfinancial relationship exists

3M Science.
Applied to Life.™



PELTOR™

3M Center
Building 0235-02-E-91
Saint Paul, MN 55144-1000
Tel: 651-737-2714
www.3M.com/Hearing
www.3m.com/hearingseminars

